



OUR NAME. OUR REPUTATION. O'MARA.

GTU SERIES 100- GRAVITY TAKE-UP ASSEMBLY

Gravity take-up assemblies are typically required on conveyors exceeding 200'-0" in overall length where excessive belt stretch or additional belt tension may be required.



- ✓ Both under-slung and over-slung/horizontal designs are available to meet specific project requirements.
- ✓ Available for 18", 24", 30", 36", 42", and 48" belt widths.
- ✓ Bolt-in-place, under-slung and over-slung take-ups are shipped as either a complete 10'-0" mid section (underslung), for drop-in, modular assembly or shipped as a complete take-up terminal (over-slung) to be assembled in place of the standard take-up terminal.
- ✓ Shaft sizes, pulley sizes, and weight box capacity engineered per application.
- ✓ Bearings and pulleys fully guarded to meet safety restrictions.
- ✓ Standard 7 and 12 gauge formed and welded frames, reinforced with structural angle supports.
- ✓ Standard powder coat finish, your choice of color.



O'MARA AG & EQUIPMENT SERVICES

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PACKAGED FOR SHIPMENT All units ship fully assembled and skidded for protection as shown.



GRAVITY TAKE-UP STANDARD FEATURES

- ✓ Modular one piece design shipped fully assembled for drop-in, bolt-in-place field installation.
- ✓ Both pan idler (PI) and tri-roller (TR) designs.
- ✓ May be fitted to any new or existing O'Mara conveyor and may also be fitted to other brands of new or existing conveyors.
- ✓ Standard 12" diameter crowned take-up pulley.
- ✓ Standard 8" diameter bend pulleys.
- ✓ Minimum 1.15/16" diameter shaft sizes, up to 2.7/16" diameter, depending on conveyor length and belt tension.
- ✓ GTU pendulum frames fabricated from L3 x 1/4" structural angle.
- ✓ Weight boxes fabricated from 12 gauge sheet steel, and reinforced with 2" square tube.
- ✓ 1.7/16" pillow block bearings for pendulum pivot.
- ✓ HD chain installed to limit over-travel and as a safety precaution in case of belt breakage or failure.
- ✓ Bearings, shafts, pulleys, and pinch points all guarded as standard feature to meet your safety requirements.

AVAILABLE OPTIONS

- ✓ Larger weight box capacities for longer conveyor lengths.
- ✓ Custom pivot point location to meet installation requirements.
- ✓ Full belt enclosure with locking access doors for inspection and belt tracking.



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